

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6458479").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 10:06
S2	1	"10528457"	US-PGPUB; USPAT	OR	OFF	2010/02/01 12:09
S3	61	((direct near3 methanol) or dmfc) and (outlet\$2 near5 separat\$4 near5 inlet\$2) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 12:48
S4	1	("5,641,586").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 12:49
S5	65	("4129685"   "4344832"   "4769297"   "5108849"   "5211984"   "5234776"   "5234777"   "5252410"   "5264299"   "5300370"   "5316871"   "5472799"). PN. OR ("5641586"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 12:50
S6	14	S5 and ((direct near3 methanol) or dmfc)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 12:50
S7	1	("20040048126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 13:11
S8	1	("6496899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 13:16
S9	1	("6416899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 13:16
S10	3	powercell.as.	US-PGPUB; USPAT	OR	OFF	2010/06/01 13:27
S11	13	(stephan near3 schwartz). in.	US-PGPUB; USPAT	OR	OFF	2010/06/01 13:27
S12	241	(flow near3 duct\$2) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 13:28
S13	47	(flow near3 duct\$2) and (mea or (membrane near3 electrode\$2)) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 13:35
S14	62	ren.in. and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 13:42
S15	165	distribution near3 chamber\$2 and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:01

S16	260	(cooling near3 chamber \$2) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:11
S17	112	separate near7 (inlet and outlet)and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:14
S18	100	separate near7 (inlet and outlet)and "429".clas. and (fuel near2 cell\$2)	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:14
S19	23	("3615845"   "3748179"   "3814631"   "3905832"   "3926676"   "4168349"). PN. OR ("4366211"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 14:17
S20	1	("20060204827").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 14:21
S21	5	"6653008"	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:22
S22	17	"4708916"	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:22
S23	1	("6653008").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/01 14:22
S24	348	(reactant or fuel) near7 separat\$4 near7 (inlet and outlet) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:24
S25	1731	(flow\$4 near7 distribution \$2) and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:29
S26	281	(flow\$4 near7 distribution \$2) same (mea or (membrane near3 electrode near2 assembly)) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:30
S27	0	inlet near3 region\$2 near3 half and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:55
S28	0	(inlet near3 half) with (cathode or anode) near4 active\$2 and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 14:56
S29	262	(active near3 surface\$2) same flow\$4 same (fuel near2 cell\$2) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/01 15:03
S30	1	("20050136318").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 11:04
S31	0	(stephen near2 schwartz). in. and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:05
S32	65	(stephen near2 schwartz). in.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:05
S33	871	svenska.as.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:07

S34	8	svenska.as. and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:07
S35	2	powercell.as. and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:08
S36	47	(system with flow\$4 near3 duct\$2) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:13
S37	28	(system with flow\$4 near3 duct\$2) and "429". clas. and (fuel near3 cell \$2)	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:13
S38	13	inlet with extend\$4 with half and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:16
S39	84	(outlet near3 separate\$2 near4 inlet) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:18
S40	71	(outlet near3 separate\$2 near4 inlet) and (fuel near2 cell\$2) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:18
S41	1	"10528457"	US-PGPUB; USPAT	OR	OFF	2010/06/08 11:35
S42	1	("6218035").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 11:49
S43	1	("6444340").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 11:49
S44	1	("6040075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 11:50
S45	1	("6103413").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 11:50
S46	1	("20040151970").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 11:50
S47	1	("6174616").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 11:51
S48	162	(coolant near3 distribution) and (fuel near2 cell) and "429". clas.	US-PGPUB; USPAT	OR	OFF	2010/06/08 13:01
S49	0	(coolant near3 distribution) and (fuel near2 cell) and "429". clas. and @py<=2--6	US-PGPUB; USPAT	OR	OFF	2010/06/08 13:01
S50	111	(coolant near3 distribution) and (fuel near2 cell) and "429". clas. and @py<="2006"	US-PGPUB; USPAT	OR	OFF	2010/06/08 13:01

S51	62	(coolant near3 distribution) and (fuel near2 cell) and parallel and "429".clas. and @py<="2006"	US-PGPUB; USPAT	OR	OFF	2010/06/08 13:02
S52	363	(conduct\$ with net\$4) and (fuel near2 cell) and "429".clas. and @py<="2006"	US-PGPUB; USPAT	OR	OFF	2010/06/08 13:16
S53	319	(conduct\$ with net\$4) and (fuel near2 cell) and layer\$2 and "429".clas. and @py<="2006"	US-PGPUB; USPAT	OR	OFF	2010/06/08 13:17
S54	41	("4770955"   "5399442"   "5480738"   "5486428"). PN. OR ("5549983"). URP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/08 13:18
S55	20151	429/12-46.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/14 10:53
S56	1	"10528457"	US-PGPUB; USPAT	OR	OFF	2010/06/14 10:53
S57	1	("20050136318").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/14 10:57
S58	8644	S55 and (distribut\$4)	US-PGPUB; USPAT	OR	OFF	2010/06/14 10:59
S59	23	S55 and (distribut\$4 same (flow near3 duct \$2))	US-PGPUB; USPAT	OR	OFF	2010/06/14 10:59
S60	26	("3575719"   "4678724"   "5514487"   "5635039"). PN. OR ("6080502"). URP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/14 11:00
S61	2156	429/12-46.ccls. and (layer near3 structure\$2)	US-PGPUB; USPAT	OR	OFF	2010/06/14 11:19
S62	1019	S61 and (active)	US-PGPUB; USPAT	OR	OFF	2010/06/14 11:20
S63	837	S61 and (active) and flow \$2	US-PGPUB; USPAT	OR	OFF	2010/06/14 11:20
S64	8	collecting near3 arrangement\$2 and S55	US-PGPUB; USPAT	OR	OFF	2010/06/14 11:21
S65	1	(favorable near2 flow near2 distribution\$2) and S55	US-PGPUB; USPAT	OR	OFF	2010/06/14 11:23
S66	2	(favor\$4 near2 flow near2 distribution\$2) and S55	US-PGPUB; USPAT	OR	OFF	2010/06/14 11:23
S67	1	("5288562").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/14 11:34

S68	1	("5686562").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/14 11:34
S69	14	cavalca.in.	US-PGPUB; USPAT	OR	OFF	2010/06/14 11:35
S70	0	(02/069424).APP.	DERWENT	OR	OFF	2010/06/14 12:02
S71	0	("0161777").PN.	DERWENT	OR	OFF	2010/06/14 12:02
S72	6	volvo.as. and 429/12-46. ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/14 12:33
S73	1	("6296964").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/14 12:34
S79	15	(patrick near2 garceau). in.	US-PGPUB; USPAT	OR	OFF	2010/06/15 10:50
S80	4	(patrick near2 garceau). in. and "429".clas.	US-PGPUB; USPAT	OR	OFF	2010/06/15 10:50
S81	7	("20020160244"   "20040151970"   "6040075"   "6103413"   "6174616"   "6218035"   "6444340").PN. OR ("7169502").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 10:50
S82	21331	429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 11:27
S83	42	S82 and (outlet near3 separate near4 inlet)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 11:28
S84	1	("6,551,736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 11:29
S85	1	("20040048126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 11:30
S86	1	("6416899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 11:30
S87	1	("6,458,479").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 11:51
S88	1	("6296964").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 11:52
S89	1	"10528457"	US-PGPUB; USPAT	OR	OFF	2010/06/15 13:42
S90	21331	429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 13:50
S91	273	(collect\$4 near3 chamber \$2) and S90	US-PGPUB; USPAT	OR	OFF	2010/06/15 13:50
S92	198	(collect\$4 near2 chamber \$2) and S90	US-PGPUB; USPAT	OR	OFF	2010/06/15 13:50
S93	0	(communicates\$ near3 oulet\$2 near3 chamber \$2) and S90	US-PGPUB; USPAT	OR	OFF	2010/06/15 13:54

S94	0	(communicates\$ with oulet\$2 with chamber\$2) and S90	US-PGPUB; USPAT	OR	OFF	2010/06/15 13:54
S95	1	("6416899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 14:27
S99	21331	429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 15:56
S100	20151	S99	US-PGPUB; USPAT	OR	OFF	2010/06/15 15:56
S101	35	S99 and (current near2 collector\$2) near4 net	US-PGPUB; USPAT	OR	OFF	2010/06/15 15:56
S102	1	("6414899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 16:07
S103	1	("6416899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 16:07
S104	20151	429/12-46.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/16 08:50
S105	2	S104 and layer with (cooling near2 chamber \$2)	US-PGPUB; USPAT	OR	OFF	2010/06/16 08:50
S106	152	S104 and (cooling near2 chamber\$2)	US-PGPUB; USPAT	OR	OFF	2010/06/16 08:51
S107	1	("6296964").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 08:57
S108	4635	429/34.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/16 10:14
S109	1	"10528457"	US-PGPUB; USPAT	OR	OFF	2010/12/15 14:51
S110	1	S109	US-PGPUB; USPAT	OR	OFF	2010/12/15 14:51

**EAST Search History (I nterference)**

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